

Ins 112 ~~Patent Claims~~

1. A method for electronically processing purchasing
and sales transactions using public communications
5 networks, in particular the Internet (5), goods
and/or services being ordered by means of at least
one terminal (1) which is capable of communication
and has a display, in particular a personal
10 computer, via an access node (4), and these goods
and/or services being invoiced and paid for
electronically, characterized in that the at least
one terminal which is capable of communication and
has a display processes the order data transfer
15 via a switching office (3), the access to the
Internet starting from the switching office being
at least briefly interrupted or disabled after
confirmation of the order and a menu-prompted
billing access to the switching office of the
20 telephone network operator being established
and/or set up in order to register, with respect
to billing, the order within the respective
terminal-related telephone account file by means
of the customary processing of the services for
the use of the telephone network.
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2. The method as claimed in claim 1, characterized in
that, before the order data and billing data are
registered in the telephone account file, a PIN-
inputting and PIN-checking mode runs.
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3. The method as claimed in claim 1 or 2,
characterized in that the order data and billing
data are stored in a separate memory area of the
telephone account file.
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4. The method as claimed in claim 3, characterized in
that the order data and billing data are stored in
coded form.

5. The method as claimed in one of the preceding claims, characterized in that a confirmation protocol is created in an automated fashion from the registered order data or billing data and is transferred to the service provider via the Internet.
6. The method as claimed in one of the preceding claims, characterized in that a data link to the telephone data-registering computer is established in the respective switching office after a menu item has been called and authenticated by means of the terminal which is capable of communication, in particular a personal computer, it being possible to activate the menu even during the online state of the personal computer and access the Internet.
7. The method as claimed in one of the preceding claims, characterized in that firstly the order data is loaded onto the terminal via the Internet and the order is registered at the service provider and subsequently the billing data associated with the order is transmitted, in a separate link, from the terminal memory to the switching office and registered there in a debit file after authenticity checking and the registration of the accounts receivable is transferred to the service provider with an identifier as a confirmation.
8. A device for carrying out the method as claimed in one of claims 1 to 7, having a terminal which is capable of communication and has a display, in particular a personal computer, which is connected to a switching office via the telephone network, the switching office setting up access to an Internet access computer via a data line, characterized in that the switching office (3) has

~~an internode module (6), said internode module (6)~~
~~transforming incoming telephone data when data is~~
transferred between the Internet

access computer (4) and the terminal (1) into a
format which is suitable for display on or storage
in the terminal (1), and transforming data records
derived from the Internet data transfer into a
switching-office format.

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